



Docket No.: 198249US2CONT

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

ATTORNEYS AT LAW

RE: Application Serial No.: 09/689,696
Applicants: Masako NUKAGA, et al.
Filing Date: October 13, 2000
For: METHOD OF CONTROLLING
INTERMODULATION DISTORTION OF NON-
RECIPROCAL DEVICE
Group Art Unit: 2817
Examiner: JONES, STEPHEN E

SIR:

Attached hereto for filing are the following papers:

**PETITION UNDER 37 C.F.R. § 1.181 (A)(3)
COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Marvin J. Spivak

Registration No. 24,913

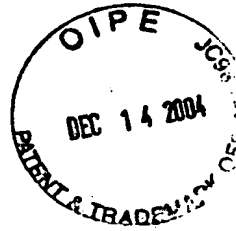
Joseph Scafetta, Jr.
Registration No. 26,803

Customer Number

22850

(703) 413-3000 (phone)
(703) 413-2220 (fax)

DOCKET NO: 198249US2CONT



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
MASAKO NUKAGA, ET AL. : EXAMINER: S. JONES
SERIAL NO: 09/689,696 :
FILED: OCTOBER 13, 2000 : GROUP ART UNIT: 2817
FOR: METHOD OF CONTROLLING :
INTERMODULATION DISTORTION OF
NON-RECIPROCAL DEVICE

PETITION UNDER 37 C.F.R. § 1.181(A)(3)
TO INVOKE THE SUPERVISORY AUTHORITY OF THE COMMISSIONER

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

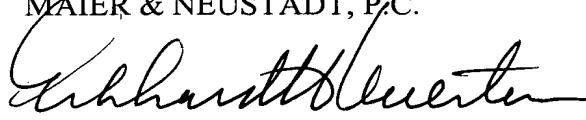
Applicant herein petitions the Commissioner to invoke his supervisory authority to require the examiner to consider the International Search Report cited in the Information Disclosure Statement filed October 13, 2000.

An Information Disclosure Statement in conformity with the requirements of 37 C.F.R. § 1.97 and § 1.98 was filed with the application on October 13, 2000. Copies of the Information Disclosure Statement, the List of References Cited by Applicants (i.e., PTO-1449 Form), the International Search Report, and a date-stamped filing receipt are attached. Although the references cited by the International Search Report and listed at items AO-AR and AW of the PTO-1449 form were acknowledged, the International Search Report itself at item AX was struck through and therefore not acknowledged or made of record by the examiner.

Although Applicants do not believe that any fee is required for the present petition, any required fee should be charged the undersigned attorneys account no. 15-0030. As the above-identified application has already been allowed, an early response to this Petition is hereby respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters
Attorney of Record
Registration No. 28,870

Customer Number

22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

BEST AVAILABLE COPY



E

Dept.: E/M

OSMM&N File No. 198249US-2 CONT

By: GJM/EHK/mlh

Serial No. NEW PATENT APPLICATION

In the matter of the Application of: MASAKO NUKAGA ET AL

For: METHOD OF CONTROLLING INTERMODULATION...

The following has been received in the U.S. Patent Office on the date stamped hereon:

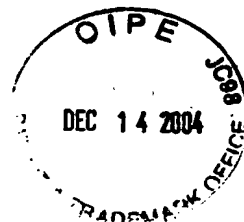
- ☒ 31 pp. Specification & 39 Claims/ Drawings 7 Sheets (Formal)
- ☒ Combined Declaration, Petition & Power of Attorney 4 pages
- ☒ Recordation Form Cover Sheet/Executed Assignment (3 pgs.)
- ☒ Utility Patent Application ☐ CPA
- ☒ Notice of Priority ☐ Priority Doc
- ☒ Check for \$1,972.00 ☒ Dep. Acct. Order Fm
- ☒ Fee Transmittal Form
- ☒ White Advance Serial Number Card
- ☒ Information Disclosure Statement
- ☒ Cited References (7)
- ☒ International Search Report
- ☒ Statement of Relevancy
- ☐ Brief
- ☐ Issue Fee Transmittal
- ☐
- ☐



PTO-1449

Due Date: 10/14/2000

COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: MASAKO NUKAGA ET AL

SERIAL NO: NEW PATENT APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: METHOD OF CONTROLLING INTERMODULATION DISTORTION OF NON-RECIPROCAL DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required. Also attached is an International Search Report and a Statement of Relevancy.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR §1.17(i)(1).

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.



22850

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)

Gregory J. Maier	
Registration No.	25,599
Eckhard H. Kuesters	
Registration No.	28,870

COPY

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 198249US-2 CONT		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT MASAKO NUKAGA ET AL			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	3-288406	12/18/91	JAPAN (w/English Abstract)		X	
	AP	7-157313	06/20/95	JAPAN (w/English Abstract)		X	
	AQ	8-288116	11/01/96	JAPAN (w/English Abstract)		X	
	AR	7-61821	03/07/95	JAPAN (w/English Abstract)		X	
	AS	56-10767	03/10/81	JAPAN		X	
	AT	56-31288	07/20/81	JAPAN		X	
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	M. Nukaga et al., "Relationship between the Magnetic Properties of YIG Ferrites and the IMD (Intermodulation Distortion) of an Isolator, Journal of the Applied Magnetics Association of Japan, Vol. 22, No. 4-2, (1998), p. 673-676					
	AX	INTERNATIONAL SEARCH REPORT					
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

COPY

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP99/01996

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁶ C01G49/00, C04B35/26, H01F1/34, H01P1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁶ C01G49/00, C04B35/26, H01F1/34, H01P1/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	Masako Gakuta, et al., "YIG ferrite no jiki tokusei to isolator no IMD tokusei tonou soukan", Journal of the Applied Magnetics Association of Japan, Vol. 22, No. 4-2, (1998), p.673-676	1-17
X	JP, 3-288406, A (Murata Mfg. Co., Ltd.), 18 December, 1991 (18. 12. 91) & GB, 2243152, A	1-5
X	JP, 7-157313, A (Murata Mfg. Co., Ltd.), 20 June, 1995 (20. 06. 95) (Family: none)	1-5
X	JP, 8-288116, A (Matsushita Electric Industrial Co., Ltd.), 1 November, 1996 (01. 11. 96) & EP, 737987, A1	1-5
X	JP, 7-61821, A (Taiyo Yuden Co., Ltd.), 7 March, 1995 (07. 03. 95) (Family: none)	1-5

☐ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

 Date of the actual completion of the international search
 5 July, 1999 (05. 07. 99)

 Date of mailing of the international search report
 13 July, 1999 (13. 07. 99)

 Name and mailing address of the ISA/
 Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

COPY